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REMARKS

Claims 1-102, as amended, remain herein.

Applicants appreciate the statements in the Office Action that claims 1, 4, 5, 7, 10-12, 15-17, 20-23, 26-28, 31-33, 35-39, 42-45, 48-51, 54-57, 60-63, 66-69, 72, 73, 75, 78-80, 83-85, 88, 89, 91, 94, 95, 97, 100 and 101 are allowed; and that claims 8, 9, 13, 14, 24, 25, 29, 30, 34, 35, 40, 41, 46, 47, 52, 53, 58, 59, 64, 65, 76, 77, 81, 82, 86, 87, 90, 92, 93, 96, 98, 99 and 102 would be allowable if rewritten to include all of the limitations of the independent claim and any intervening claims.

Edits have been made to correct arithmetic symbols in claims 5, 21 and 73 and editorial edits have been made to claims 1-6, 12-22, 28-32, 51-74 and 80-84.

1. Claims 2, 3, 6, 18, 19, 70, 71 and 74 were rejected under 35 U.S.C. §103(a) over Troutman U.S. Patent 6,157,356 and Ansari et al. U.S. Patent 5,644,329.

The presently claimed method of driving an active matrix display device includes selecting scan lines so that a selection

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sequence of the periods of the sub-frames is repeated cyclically as in SF1=> SF2=> ... SFn=> SF1=> SF2=> ... SFn. This method is nowhere disclosed or suggested in the cited reference.

The Office Action admits that Troutman '356 does not disclose simultaneously outputting a signal via each of signal lines, with the value of the level of the signal being selected from values of a plurality of signal levels in accordance with digital image data, and the number of signal levels being fewer than the number of display gray scales, and cites Ansari '329 as allegedly teaching same. However, neither Troutman '356 nor Ansari '329 discloses or suggests selecting scan lines so that a selection sequence of the periods of the sub-frames is repeated cyclically as in SF1=> SF2=> ... SFn=> SF1=> SF2=> ... SFn, as recited in applicants' claim 2.

Also, neither Troutman '356 nor Ansari '329 discloses or suggests selecting scan lines so that a selection sequence of the periods of the sub-frames is repeated cyclically as in SF1=> SF2=> ... SFn=> SF1=> SF2=> ... SFn and sequential scanning is brought about with respect to each of the sub-frame periods, as recited in applicants' claim 3.

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Further, neither Troutman '356 nor Ansari '329 discloses or suggests making two the degree of freedom of the signal levels usable for one gray scale with in the period of the one frame, as recited in applicants' claim 6.

Neither Troutman '356 nor Ansari '329 discloses or suggests a scan line driver circuit for selecting scan lines so that a selection sequence of the periods of the sub-frames is repeated cyclically as in SF1=> SF2=> ... SFn=> SF1=> SF2=> ... SFn, as recited in applicants' claim 18.

Neither Troutman '356 nor Ansari '329 discloses or suggests a scan line driver circuit for selecting scan lines so that a selection sequence of the periods of the sub-frames is repeated cyclically as in SF1=> SF2=> ... SFn=> SF1=> SF2=> ... SFn and sequential scanning is brought about with respect to each of the sub-frame periods, as recited in applicants' claim 19.

Neither Troutman '356 nor Ansari '329 discloses or suggests a scan line driver circuit so that a selection sequence of the periods of the sub-frames is repeated cyclically as in SF1=> SF2=> ... SFn=> SF1=> SF2=> ... SFn, as recited in applicants' claim 70.

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Neither Troutman '356 nor Ansari '329 discloses or suggests a scan line driver circuit so that a selection sequence of the periods of the sub-frames is repeated cyclically as in SF1=> SF2=> ... SFn=> SF1=> SF2=> ... SFn and sequential scanning is brought about with respect to each of the sub-frame periods, as recited in applicants' claim 71.

Neither Troutman '356 nor Ansari '329 discloses or suggests a signal line driver circuit for selecting a value of a voltage level from values of a plurality of voltage levels in accordance with digital image data and outputting a voltage having the selected value via each of the signal lines, the number of the plurality of voltage levels being at least three and fewer than the number of display gray scales and the selection being carried out so that the degree of freedom of the voltage levels usable for one gray scale within the period of the one frame is two, as recited in applicants' claim 74.

For the foregoing reasons, neither Troutman '356 nor Ansari '329 contains any teaching, suggestion, reason, motivation or incentive that would have led one of ordinary skill in the art to applicants' claimed invention. Nor is there any disclosure

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or teaching in either of these references that would have suggested the desirability of combining any portions thereof effectively to anticipate or suggest applicants' presently claimed invention. Accordingly, reconsideration and withdrawal of this rejection are respectfully requested.

All claims 1-102 are now proper in form and patentably distinguished over all grounds of rejection stated in the Office Action. Accordingly, allowance of all claims 1-102 is respectfully requested.


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Should the Examiner deem that any further action by the applicants would be desirable to place this application in even better condition for issue, the Examiner is requested to telephone applicants' undersigned representatives.

Respectfully submitted,

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Date


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